

Re: Where to Cache "per user" Data That Can Get Updated By Admins

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-08/4820.html>

From: Brad Roberts (*BradRoberts_at_discussions.microsoft.com*)

Date: 08/24/04

Date: Tue, 24 Aug 2004 05:27:01 -0700

What about putting " " in the span instead of text?

"Patrice" wrote:

- > *More precisely I wanted to stress that IMO those data shouldn't be updated*
- > *"directly" in the "user store" (even a cache). Instead changes should be*
- > *"posted" to the database and the control flow of the user page should take*
- > *care of reloading those data in the (expired) cache.*
- >
- > *Anyway from a non technical point of view, I would still consider to take*
- > *these changes into account the next time the user logs. In particular it*
- > *could be quite annoying for users to see options appearing or disappearing*
- > *while they are working especially if the admin performs multiple changes (in*
- > *which case using the session is enough).*
- >
- > *If for some reason you want to take this change immediately into account,*
- > *you'll have just to expire the cache and the user control flow will take*
- > *care of loading new data into the cache...*
- >
- > *Patrice*
- >
- > --
- >
- > *"Guadala Harry" <GMan@NoSpam.com> a Ã©crit dans le message de*
- > *news:OXzhRlbiEHA.1348@tk2msfngp13.phx.gbl...*
- > *Patrice,*
- >>
- >> *Thanks for the response.*
- >>
- >> *FWIW: rather unusual requirements happen all the time (that's why they pay*
- >> *us the big bucks! – right!?)... and their presence and associated unusual*
- >> *solutions don't necessarily imply that anything is being done improperly.*
- >> *While I was somewhat vague in my OP, think about an app with security: an*
- >> *admin can go in and modifies per-user permissions on something while users*
- >> *are logged in. I currently have a security "gate keeper" class that will*

> > *ultimately provide up-to-the-nose second security – making the cached data*
> > *not so critical. But I'd like to make the user's experience a bit easier*
> *in*
> > *the case of such an unlikely scenario in which a user logs on and can*
> *access*
> > *something, and while the user is logged in, and admin comes in and changes*
> > *permissions on what that user can access. I'm just going the extra mile*
> *and*
> > *modifying what the user can see (which is cached as described in the OP)*
> > *before they get blocked by the security class. Just trying to make the*
> > *user's experience a bit easier. I hope this makes sense.*
> >
> > *Cheers!*
> >
> >
> > *"Patrice" <nobody@nowhere.com> wrote in message*
> > *news:eBCUPMbiEHA.3928@TK2MSFTNGP11.phx.gbl...*
> > > *Yes (won't matter anyway if you shield this implementation detail from*
> > *your*
> > > *app by using an intermediate class). That said the requirement of having*
> > > *those data updated by an admin while users are offline is rather*
> > *unusual.*
> > > *Is it really impossible to have this handled properly (you shouldn't*
> > *store*
> > > *data in the cache when they are not needed, it shouldn't be updated*
> > > *directly).*
> > >
> > >
> > >
> > > *Patrice*
> > >
> > > *--*
> > >
> > > *"Guadala Harry" <GMan@NoSpam.com> a écrit dans le message de*
> > > *news:erG8DCbiEHA.3612@TK2MSFTNGP12.phx.gbl...*
> > > > *Is there any way for one Session to remove and update objects in*
> > > *another*
> > > > *Session? I seriously doubt it, but thought I'd ask. Here's why: I have*
> > > *some*
> > > > *data that is unique per user (or per session – similar to "welcome*
> > > *back,*
> > > > *Jim" after Jim logs in) and consumed across multiple pages. This "per*
> > > *user"*
> > > > *data lives in a database, so toward improving runtime performance I*
> > > *want*
> > > > *to*
> > > > > *cache data supporting this and similar per user features. Because the*
> > > *data*
> > > > > *changes per user, output caching the page is out (at least I don't*
> > > *want*
> > > *to*

>>> *cache per Custom right now). So, I'm looking at storing this per-user*
>> *data*
>>> *in either the Cache object or in Session state.*
>>>
>>> *I think Session state would normally be the obvious choice – however –*
>> *one*
>>> *more important consideration that throws a wrench into that*
> *conventional*
>>> *wisdom is that I need to let administrators of this application modify*
>>> *this*
>>> *"per user" data – perhaps while users are online... so if the data is*
>>> *stored*
>>> *in session, then the user would not get the new data until they*
>> *establish*
>>> *a*
>>> *new session... so now storing this data in the Cache seems to make*
> *sense*
>>> *because it's relatively easy for any session to remove/update data in*
>> *the*
>>> *Cache.*
>>>
>>> *So, given the requirements as described (and my somewhat limited*
> *knowledge*
>>> *of ASP.NET), am I correct to conclude that this data should go into*
> *the*
>>> *Cache and not Session? Are there alternatives to Cache and Session*
> *that*
>>> *would make sense for this scenario?*
>>>
>>> *Thanks!*
>>>
>>>
>>
>>
>
>
>